



Bloxsom Roofing Written (Silica) Exposure Control Plan

Date: June 2018

Company: Bloxsom Roofing and Siding

Person Completing the Plan/Title: Josh Matula, Operations and Safety Manager

Description of Work:

Drilling into walls to secure our termination bar

Drilling into the roof to secure screws

Cutting into walls to secure our metal (Reglet)

Cutting tile to fit on the roof

Competent Person: Josh Matula, Operations and Safety Manager

Material: Brick, Cement, Concrete and Concrete Block

Task: Drilling

Equipment and Control(s): Hammer Drill with Vacuum Attachment

Task/Control Description:

Before drilling, start the HEPA vacuum and make sure all the attachment parts are not leaking air. If air is leaking fix the leaks, then begin to drill.

If vacuum does not work, have an employee use a pump sprayer and spray a mist of water to control the dust while another employee is drilling.

Material: Brick, Cement, Concrete and Concrete Block

Task: Grinding

Equipment and Control(s): Grinder with Vacuum Attachment

Task/Control Description:

Before grinding, start the HEPA vacuum and make sure all the attachment parts are not leaking air. If air is leaking fix the leaks, then begin to grind.

If the vacuum does not work, have an employee use a pump sprayer and spray a mist of water to control the dust while another employee is grinding.

Material: Brick, Cement, Concrete, Concrete Block, and Roof Tile (Concrete)

Task: Cleaning up

Equipment and Control(s): HEPA Vacuum

Task/Control Description:

Before vacuuming, start the HEPA vacuum and make sure all the attachment parts are not leaking air. If air is leaking fix the leaks, then begin to clean up. If the vacuum does not work, have an employee use a pump sprayer and spray a mist of water on the dust. Then clean up while the dust is still saturated.



Material: Roof Tile (concrete)

Task: Cutting/Sawing

Equipment and Control(s): Hand-Held Masonry Saw with Vacuum Attachment

Task/Control Description:

Before sawing, make sure all the vacuum attachments are tightened and secure. Start the vacuum, if air is leaking, fix the leaks then begin to saw.

Use a saw that has a vacuum hook up equipped to the saw to collect the dust while using a HEPA vacuum.

Safety of Others:

Place signage in the areas where others will be entering to let them know silica may be in the air and don't come into area unless they have the appropriate PPE.

Worker Training:

The competent person will train all employees, that will be on the job, at the company's main office building before the job starts, with the proper techniques and ways to control the dust. Also, if respirators need to be worn, each employee that must wear a respirator will have to get a medical exam if they must wear them more than 30 days during the year. The competent person will train each employee, do the fit tests and show how to clean them to make sure the employees going to that job will not breath any dust.

Housekeeping:

Will use a HEPA vacuum to do the cleanup. If the vacuum is not working, have an employee use a pump sprayer and spray a mist of water on the dust. Then clean up while the dust is still saturated.

Medical Surveillance:

If a respirator will be used, then the employee(s) going to use it will go for a medical exam, if the employee(s) is(are) going to use the respirator more than 30 days during the year. The competent person will train each employee, do the fit tests and show how to clean them to make sure the employee(s) going to that job will not breath any dust. If an employee is exposed to a high level of silica dust that employee(s) can go, get checked out by a health care provider.

Other Considerations:

When the vacuum is full, and the bag needs to be replaced. The employee that is changing out the bag needs to be wearing a respirator APF 10 and make sure the bag is tied and is discarded into a dumpster away from other workers and does not rip.